



~~MAR 27 2006~~

Complete if Known

☒ Applicant claims small entity status (see 37 C.F.R. 1.27)

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee paid
50	25	Surcharge - late provisional filing fee or cover sheet	\$
130	65	Surcharge – Late nonprovisional filing fee or oath	\$
180	180	Submission of IDS	\$180
40	40	Recording each patent assignment per property (times number of properties)	\$
120	60	Extension for reply within first month	\$
450	225	Extension for reply within second month	\$
1,020	510	Extension for reply within third month	\$
1,590	795	Extension for reply within fourth month	\$
2,160	1,080	Extension for reply within fifth month	\$
790	395	Submission After Final 1.129	\$
500	250	Notice of Appeal	\$
500	250	Filing a brief in support of an appeal	\$
1,000	500	Request for oral hearing	\$
130	65	Terminal Disclaimer Fee	\$
800	400	Design Issue Fee	\$
790	395	Request for Continued Examination (RCE)	\$
130		Request for voluntary publication or republication	\$
500	250	Petition to Revive – unavoidable	\$
1,500	750	Petition to Revive – unintentional	\$
200		Filing for patent term adjustment	\$
400		Request for reinstatement of term reduced	\$
1,120		Extension of term of patent	\$

OTHER FEE
(specify)

Subtotal (Additional Fees)	\$180
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Total Amount of Payment: \$180

<input type="checkbox"/> Petition Fee under 37 CFR 1.17(f)	Fee \$400
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§ 1.53(e)	to accord a filing date.
§ 1.57(a)	to accord a filing date.
§ 1.182	for decision on a question not provided for.
§ 1.183	to suspend the rules.
§ 1.378(e)	for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent.
§ 1.174(b)	to accord a filing date to an application under § 1.740 for extension of patent term.

<input type="checkbox"/> Petition Fee under 37 CFR 1.17(g)	Fee \$200
\$ 1.12	for access to an assignment record.
\$ 1.14	for access to an application.
\$ 1.47	for filing by other than all inventors or person not the inventor.
\$ 1.59	for expungement of information.
\$ 1.103(a)	to suspend action in an application.
\$ 1.136(b)	for review of a request for ext. of time when § 1.136(a) not avail.
\$ 1.295	for review of refusal to publish a statutory invention registration.
\$ 1.296	to withdraw a req. for pub. after notice of intent to publish issued.
\$ 1.377	for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent.
\$ 1.550(c)	for request for ext. of time in <u>ex parte</u> reexam. proceedings.
\$ 1.956	for request for ext. of time in <u>ex parte</u> reexam. proceedings.
\$ 5.12	for expedited handling of foreign filing license.
\$ 5.15	for changing the scope of a license.
\$ 1.5.25	for retroactive license.

<input type="checkbox"/> Petition Fee under 37 CFR 1.17(h)	Fee \$130
§ 1.19(g)	to request documents in a form other than provided in this part.
§ 1.84	for accepting color drawings or photographs.
§ 1.91	for entry of a model or exhibit.
§ 1.102(d)	to make an application special.
§ 1.138(c)	to expressly abandon an application to avoid publication.
§ 1.313	to withdraw an application from issue.
§ 1.314	to defer issuance of a patent.

Submitted by:

CUSTOMER NUMBER
27,076

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Seattle, WA 98101-4010
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Name: Kimton N. Eng

Reg. No.: 43,605

Signature:

Date: 3/23/2006



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

March 23, 2006
Date

Ayesha J. Shaikh
Ayesha J. Shaikh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	: 10/612,822	Confirmation No.	: 3901
Applicant	: Mark A. Mochring		
Filed	: July 1, 2003	Attorney Docket No.:	500580.08
Art Unit	: 3737	Customer No.	: 27,076
Examiner	: Ali M. Imam		
Title	: DOPPLER ULTRASOUND METHOD AND APPARATUS FOR MONITORING BLOOD FLOW		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. Copies of the cited non-patent literature references, as required under 37 C.F.R. § 1.98(a)(2), are enclosed. Copies of the cited U.S. patents and U.S. patent application publications will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

03/28/2006 EHAILE1 00000033 10612822
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180.00 OP

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/840,940, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 7, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 11/152,666, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 13, 2005. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

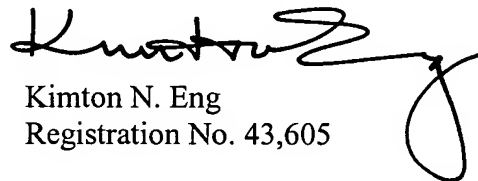
Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 11/134,862, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 20, 2005. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(c). The Commissioner is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 50-1266. A duplicate copy of this sheet is enclosed.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP



Kimton N. Eng
Registration No. 43,605

KNE:ajs

Enclosures:

- Postcard
- Check
- Fee Transmittal Sheet (+ copy)
- Copy of Supplemental Information Disclosure Statement
- Form PTO-1449
- Cited References (6)
- Copies of Related Applications (3)

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FORM PTO-1449
(REV.7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

500580.08

APPLICATION NO.

10/612,822

APPLICANT(S)

Mark A. Moehring

FILING DATE

July 1, 2003

GROUP ART UNIT

3737

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,993,417	02/19/91	Seo	128	661.09	
AB	5,101,828	04/07/92	Welkowitz et al.	128	668	
AC	6,482,161 B1	11/19/02	Sumanaweera et al.	600	454	
AD	6,503,202 B1	01/07/03	Hossack et al.	600	454	
AE	6,524,249 B2	02/25/03	Moehring et al.	600	438	
AF	6,547,736 B1	04/15/03	Moehring et al.	600	454	
AG	6,635,017 B1	10/21/03	Moehring et al.	600	439	
AH	2004/0138563 A1	07/15/04	Moehring et al.	600	439	
AI	2005/0033174A1	02/10/05	Moehring et al.	600	453	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ	Alexandrov, A.V. et al., "Insonation Method and Diagnostic Flow Signatures for Transcranial Power Motion (M-Mode) Doppler", Journal of Neuroimaging, Vol. 12, No. 3, July 2002. pp. 236-244.
AK	Demchuk, A.M. et al., "Thrombolysis in Brain Ischemia (TIBI) Transcranial Doppler Flow Grades Predict Clinical Severity, Early Recovery, and Mortality in Patients Treated with Intravenous Tissue Plasminogen Activator", American Heart Association, Inc., January 2001. pp. 89-93.
AL	Giller, C.A. et al., "Oscillations in Cerebral Blood Flow Detected with a Transcranial Doppler Index", Journal of Cerebral Blood Flow and Metabolism, Vol. 19, No. 4, April 1999. pp. 452-459.
AM	Kisslo J.A., et al., "Color Flow Imaging", Echo inContext, Duke Center for Echo, www.echoincontext.com/doppler04/doppler04_01.asp, Duke University Medical Center, 2000. 30 pages.
AN	Moehring, M.A. et al., "Power M-Mode Doppler (PMD) for Observing Cerebral Blood Flow and Tracking Emboli", Ultrasound in Medicine and Biology, Vol. 28, No. 1, 2002. pp. 49-57.
AO	Zagzebski, James A., "Essentials of Ultrasound Physics", Mosby, Inc., St. Louis, Missouri, 1996. pp. 46-68 and 109-122.

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).